AMENDMENTS TO THE CLAIMS

This listing of claims replaces any prior version of the claims in the application.

5 Claims 1-32 (cancelled)

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33 (withdrawn): A pharmaceutical composition comprising at least one compound of the following structure

wherein R⁵ and R⁶ are each independently selected from the group consisting of OC(O)OCH₃, -OH, -SH, -NH₂,-OSO₃H, -OPO₃H, an ester, a phosphoester, a phosphonoester, a sulfite ester, a sulfate ester, a thioester, an amide, a sulfonamide, an amino acid, an ether, a thioether, an acyl group, a carbonate, a carbamate, a sulfonamide, a halogen, an optionally substituted alkyl group, an optionally substituted alkenyl group, an optionally substituted alkynyl group, an optionally substituted aryl moiety, an optionally substituted heterocycle, an optionally substituted heteroaryl moiety, an optionally substituted monosaccharide, an optionally substituted oligosaccharide, a nucleoside, a nucleotide, an oligonucleotide, a polymer, provided that at least one of R⁷ and R⁸ are OC(O)OCH₃;

wherein R⁷, R⁸, R¹², R¹³, R¹⁴, R¹⁵, R¹⁶, R¹⁷, R¹⁸ and R¹⁹ are each independently selected from the group consisting of -H, -OH, -SH, -NH₂,-OSO₃H, -OPO₃H, an ester, a phosphoester, a phosphonoester, a sulfite ester, a sulfate ester, a thioester, an amide, a sulfonamide, an amino acid, an ether, a thioether,

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an acyl group, a carbonate, a carbamate, a sulfonamide, a halogen, an optionally substituted alkyl group, an optionally substituted alkenyl group, an optionally substituted aryl moiety, an optionally substituted heterocycle, an optionally substituted heterocycle, an optionally substituted heterocycle, an optionally substituted oligosaccharide, a nucleoside, a nucleotide, an oligonucleotide, a polymer and R⁷ and R⁸ together, R¹² and R¹³ together, R¹⁴ and R¹⁵ together, R¹⁶ and R¹⁷ together, and R¹⁸ and R¹⁹ together independently form a double bond to a moiety selected from the group consisting of =O, =S, =CH₂ and =NOH, provided that only one each of R¹² and R¹³ or R¹⁸ and R¹⁹ can independently be H;

wherein R^{24} and R^{25} are either H or CH_3 ; wherein the dotted line is an optional double bond; wherein the OC(O)OCH $_3$ at the 3 position is in either the α or β configuration;

and a pharmaceutically acceptable excipient.

34 (withdrawn): The pharmaceutical composition of claim 33, wherein said at least one compound has the following structure

wherein R⁷, R⁸, R¹², R¹³, R¹⁴, R¹⁵, R¹⁶, R¹⁷, R¹⁸ and R¹⁹ are each independently selected from the group consisting of -H, -OH, -SH, -NH₂,-OSO₃H, -OPO₃H, an ester, a phosphoester, a phosphonoester, a sulfite ester, a sulfate ester, a thioester, an amide, a sulfonamide, an amino acid, an ether, a thioether, an acyl group, a carbonate, a carbamate, a sulfonamide, a halogen, an optionally

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substituted alkyl group, an optionally substituted alkenyl group, an optionally substituted alkynyl group, an optionally substituted aryl moiety, an optionally substituted heteroaryl moiety, an optionally substituted heteroaryl moiety, an optionally substituted monosaccharide, an optionally substituted oligosaccharide, a nucleoside, a nucleotide, an oligonucleotide, a polymer and R⁷ and R⁸ together, R¹² and R¹³ together, R¹⁴ and R¹⁵ together, R¹⁶ and R¹⁷ together, and R¹⁸ and R¹⁹ together independently form a double bond to a moiety selected from the group consisting of =O, =S, =CH₂ and =NOH, provided that only one each of R¹² and R¹³ or R¹⁸ and R¹⁹ can independently be H;

wherein R^{24} and R^{25} are either H or CH_3 ; wherein the dotted line is an optional double bond; wherein the $OC(O)OCH_3$ at the 3 position is in either the α or β configuration; and a pharmaceutically acceptable excipient.

35 (withdrawn): The pharmaceutical composition of claim 34, wherein said at least one compound has the following structure

wherein R⁷, R⁸, R¹², R¹³, R¹⁴, R¹⁵, R¹⁶ and R¹⁷ are each independently selected from the group consisting of -H, -OH, -SH, -NH₂,-OSO₃H, -OPO₃H, an ester, a phosphoester, a phosphonoester, a sulfite ester, a sulfate ester, a thioester, an amide, a sulfonamide, an amino acid, an ether, a thioether, an acyl group, a carbonate, a carbamate, a sulfonamide, a halogen, an optionally substituted alkyl group, an optionally substituted alkynyl group, an optionally substituted aryl moiety, an optionally substituted heterocycle,

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an optionally substituted heteroaryl moiety, an optionally substituted monosaccharide, an optionally substituted oligosaccharide, a nucleoside, a nucleotide, an oligonucleotide, a polymer and R^7 and R^8 together, R^{12} and R^{13} together, R^{14} and R^{15} together, and R^{16} and R^{17} together independently form a double bond to a moiety selected from the group consisting of =O, =S, =CH₂ and =NOH, provided that only one of each of R^{12} and R^{13} can independently be H; wherein R^{24} and R^{25} are either H or CH_3 ; wherein the dotted line is an optional double bond; wherein the OC(O)OCH₃ at the 3 position is in either the α or β configuration; and a pharmaceutically acceptable excipient.

36 (withdrawn): The pharmaceutical composition of claim 35, wherein said at least one compound has the following structure

wherein R¹² and R¹³ are each independently selected from the group consisting of -H, -OH, -SH, -NH₂,-OSO₃H, -OPO₃H, an ester, a phosphoester, a phosphonoester, a sulfite ester, a sulfate ester, a thioester, an amide, a sulfonamide, an amino acid, an ether, a thioether, an acyl group, a carbonate, a carbamate, a sulfonamide, a halogen, an optionally substituted alkyl group, an optionally substituted alkenyl group, an optionally substituted alkynyl group, an optionally substituted aryl moiety, an optionally substituted heterocycle, an optionally substituted heteroaryl moiety, an optionally substituted monosaccharide, an optionally substituted oligosaccharide, a nucleoside, a nucleotide, an oligonucleotide, a polymer and R¹² and R¹³ together form a double

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be H;

bond to a moiety selected from the group consisting of =0, =S, $=CH_2$ and =NOH, provided that only one of R^{12} and R^{13} is H;

wherein R^{24} and R^{25} are either H or CH_3 ; wherein the dotted line is an optional double bond; wherein the OC(O)OCH $_3$ at the 3 position is in either the α or β configuration; and a pharmaceutically acceptable excipient.

37 (withdrawn): The pharmaceutical composition of claim 34, wherein said at least one compound has the following structure

wherein R⁷, R⁸, R¹⁴, R¹⁵, R¹⁶, R¹⁷, R¹⁸ and R¹⁹ are each independently

selected from the group consisting of -H, -OH, -SH, -NH₂,-OSO₃H, -OPO₃H, an ester, a phosphoester, a phosphonoester, a sulfite ester, a sulfate ester, a thioester, an amide, a sulfonamide, an amino acid, an ether, a thioether, an acyl group, a carbonate, a carbamate, a sulfonamide, a halogen, an optionally substituted alkyl group, an optionally substituted alkynyl group, an optionally substituted aryl moiety, an optionally

substituted monosaccharide, an optionally substituted oligosaccharide, a nucleoside, a nucleotide, an oligonucleotide, a polymer and R^7 and R^8 together, R^{14} and R^{15} together, R^{16} and R^{17} together, and R^{18} and R^{19} together independently form a double bond to a moiety selected from the group consisting of =O, =S, =CH₂ and =NOH, provided that only one of each of R^{18} and R^{19} can

substituted heterocycle, an optionally substituted heteroaryl moiety, an optionally

wherein R^{24} and R^{25} are either H or CH_3 ; wherein the dotted line is an optional double bond; wherein the OC(O)OCH $_3$ at the 3 position is in either the α or β configuration; and a pharmaceutically acceptable excipient.

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38 (withdrawn): The pharmaceutical composition of claim 37, wherein said at least one compound has the following structure

wherein R¹⁸ and R¹⁹ are each independently selected from the group

consisting of -H, -OH, -SH, -NH₂,-OSO₃H, -OPO₃H, an ester, a phosphoester, a

phosphonoester, a sulfite ester, a sulfate ester, a thioester, an amide, a

sulfonamide, an amino acid, an ether, a thioether, an acyl group, a carbonate, a

carbamate, a sulfonamide, a halogen, an optionally substituted alkyl group, an

optionally substituted alkenyl group, an optionally substituted alkynyl group, an

optionally substituted aryl moiety, an optionally substituted heterocycle, an

optionally substituted heteroaryl moiety, an optionally substituted

monosaccharide, an optionally substituted oligosaccharide, a nucleoside, a

nucleotide, an oligonucleotide, a polymer and R¹⁸ and R¹⁹ together form a double

provided that only one of R¹⁸ and R¹⁹ is -H;

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wherein R^{24} and R^{25} are either H or CH_3 ; wherein the dotted line is an optional double bond; wherein the -OC(O)OCH₃ at the 3 position is in either the α or β configuration; and a pharmaceutically acceptable excipient.

bond to a moiety selected from the group consisting of =O, =S, =CH₂ and =NOH,

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39 (withdrawn): The pharmaceutical composition of claim 34, wherein said at least one compound has the following structure

and a pharmaceutically acceptable excipient.

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Claims 40-69 (cancelled)

Claim 70 (new): A method to treat a condition selected from the group consisting of androgen responsive prostate cancer and androgen responsive benign prostatic hyperplasia in a subject, or to ameliorate one or more symptoms thereof, comprising administering to the subject, or delivering to the subject's tissues an effective amount of a compound having the structure

$$R^{25}$$
 R^{18}
 R^{18}
 R^{19}
 R^{16}
 R^{17}
 R^{18}
 R^{17}

wherein,

15 R^5 is -OH or a carbonate:

 R^6 is -H

R¹² and R¹³ independently or together are -H, -OH, an ester, an ether or =O;

or R¹⁶ and R¹⁷ independently or together are -H, -OH, an ester, an ether or =O;

R¹⁸ is -OH, an ester or an ether;

R¹⁹ is -H, an optionally substituted alkyl group, an optionally substituted alkynyl group;

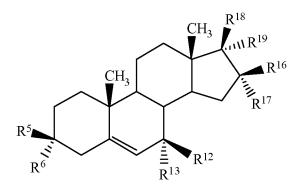
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R²⁵ is optionally substituted alkyl.

Claim 71 (new): The method of claim 70, wherein the condition is androgen responsive prostate cancer.

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Claim 72 (new): The method of claim 71 wherein the compound has the structure



wherein,

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 R^{18} is -OH; R^{19} is -H or R^{18} and R^{19} together are =O; R^6 is -H R_5 is -OC(O)-O-CH $_3$ or -OC(O)-O-(CH $_2$) $_m$ -(CF $_2$) $_n$ -CH $_3$, wherein m=1,2,3,4,5, or 6 and n=0;, R^{16} and R^{17} are -H;

- (1) R^{12} and R^{13} together are =0, or
- (2) R¹² is -H and R¹³ is -OH, or

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(3) R^{12} is -OH and R^{13} is -H, or

R⁵ is -OH; R¹² and R¹³ are -H;

- (1) R¹⁶ and R¹⁷ together are =O
- (2) R¹⁶ is -H and R¹⁷ is -OH, or

(3) R¹⁶ is -OH and R¹⁷ is -H, or

 R^{18} is -OH; R^{19} is $\,$ -C=CH or -C=CCH $_3;$

R⁵ is -OH;

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(1) R^{12} and R^{13} are -H; R^{16} is -OH and R^{17} is -H, or

(2) R^{12} and R^{13} are -H; R^{16} is -H and R^{17} is -OH, or

(3) R^{12} and R^{13} are -H; R^{16} and R^{17} together are =O,

Claim 73 (new): The method of claim 72 wherein R⁵ is -OC(O)-O-CH₃.

Claim 74 (new): The method of claim 73 wherein the compound has the structure

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